

LIST OF REFERENCE CHARACTERS

11,11'	Numerically controlled machine tool
13	Spindle support structure
13'	Extended spindle support structure
15	Workpiece support structure
15'	Extended workpiece support structure
17	Chip discharge means
19	Base
19'	Extended base
21	Movable body
23	Beam
25	Bed
27	Column
29	Longitudinal space
29'	Extended longitudinal space
31	Opening
33	X-axis slider
35	Y-axis slider
37	Z-axis slider
39	Through opening
41a,41b	Extension
43	X-axis guide
45	Slide element
47	Mover

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49	Stator
51	Y-axis guide
53	Y-axis slide element
55	Nut
57	Ball screw
59	Z-axis guide
61	Z-axis slide element
63	Z-axis motor
65	Non-contact wiper
67	Non-contact wiper
69	Contact wiper
71	Contact wiper
73	Spindle head
75	Spindle
77	Rotational axis
79	Swivel base
81	Swivel motor
83	Gear
85	C-axis motor
86	Direction along A-axis
87	Direction along C-axis
89	Workpiece
91	Base
93	Shaft support means
95	Rotating shaft

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97	Arrow
99,99',99"	Workpiece mounting table
101,101'	Pushing means
103,103a,103b,103c	Workpiece mounting surface
105	Pallet
107	Servo motor
109	Gear
111	Nut
113	Push screw
115	Depression
117	Roller
119	Pallet changing means
121	Pallet stocker
123	Pallet carrier
125	Z-axis guide rail
127	Carrier Base
129	X-axis guide rail
131	Setup station
133	Means for rotating
135	Pallet mounting means